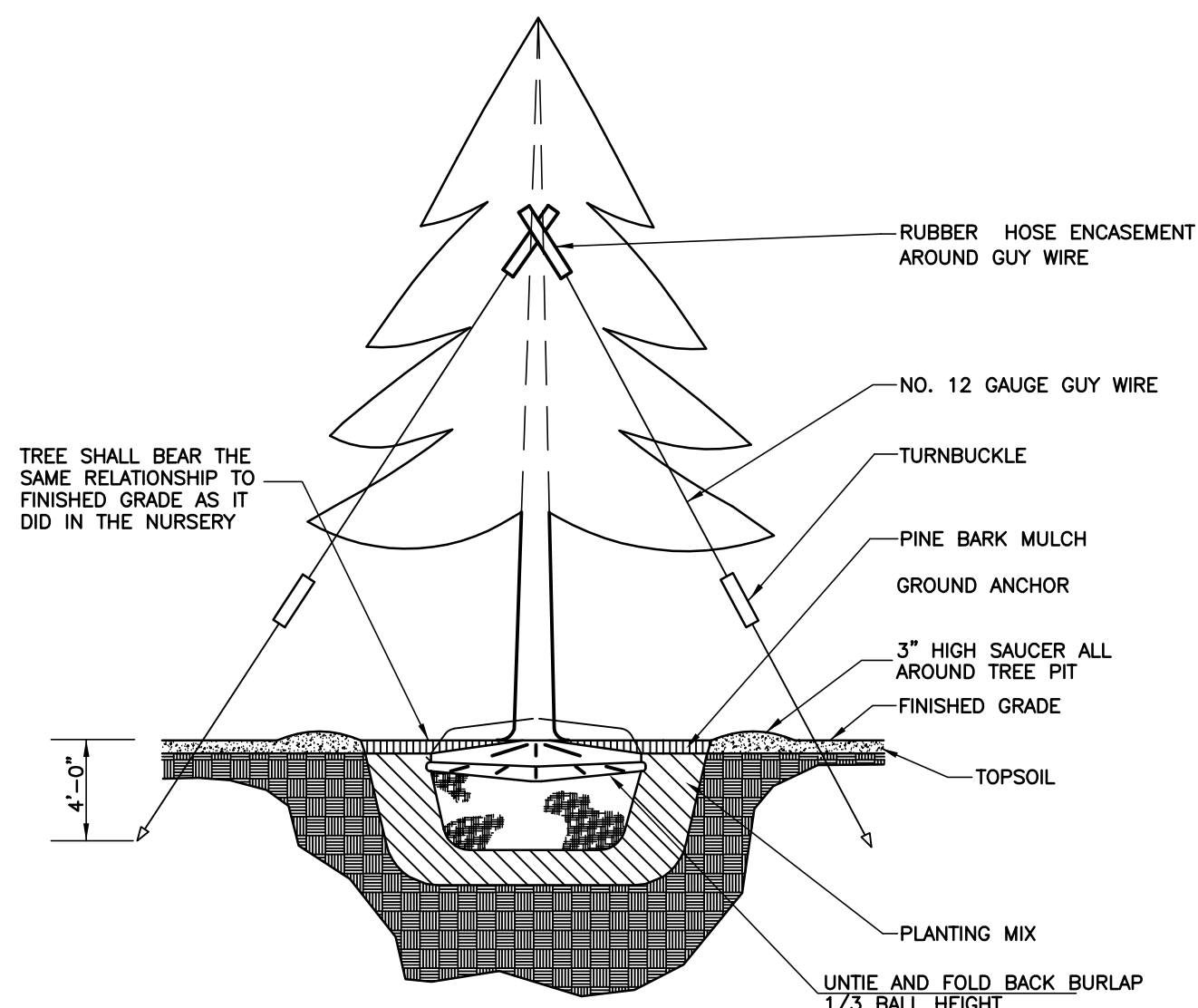
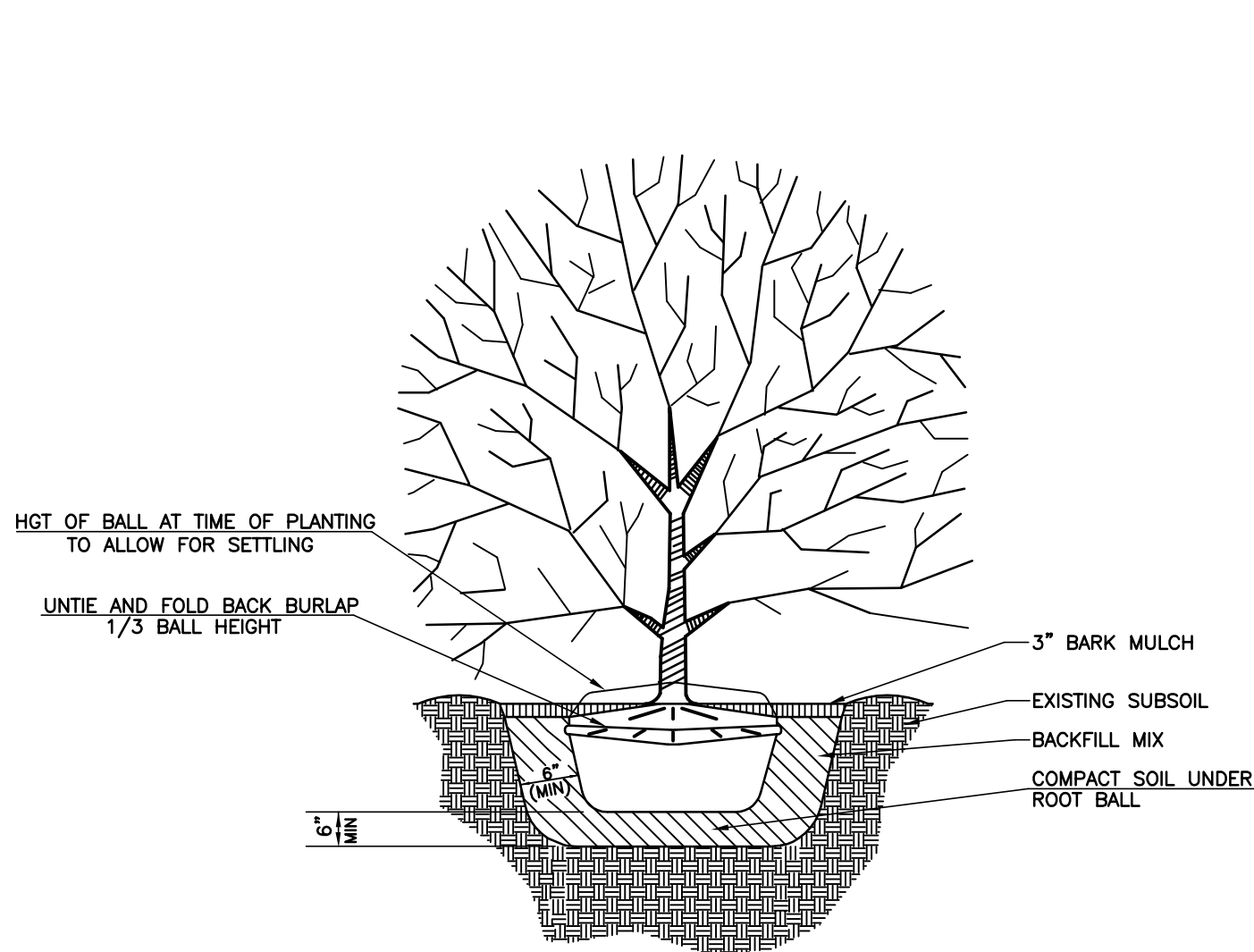


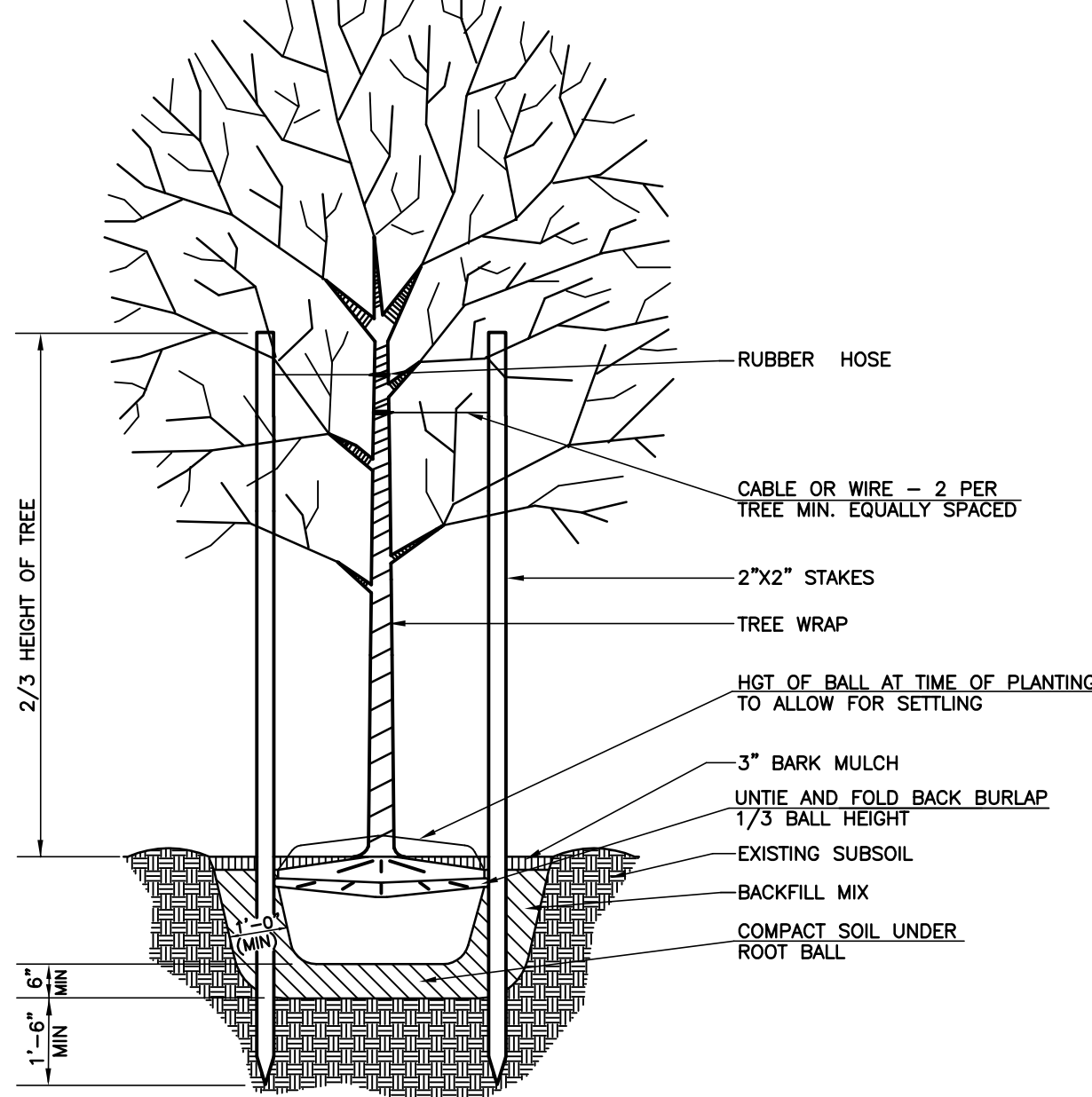
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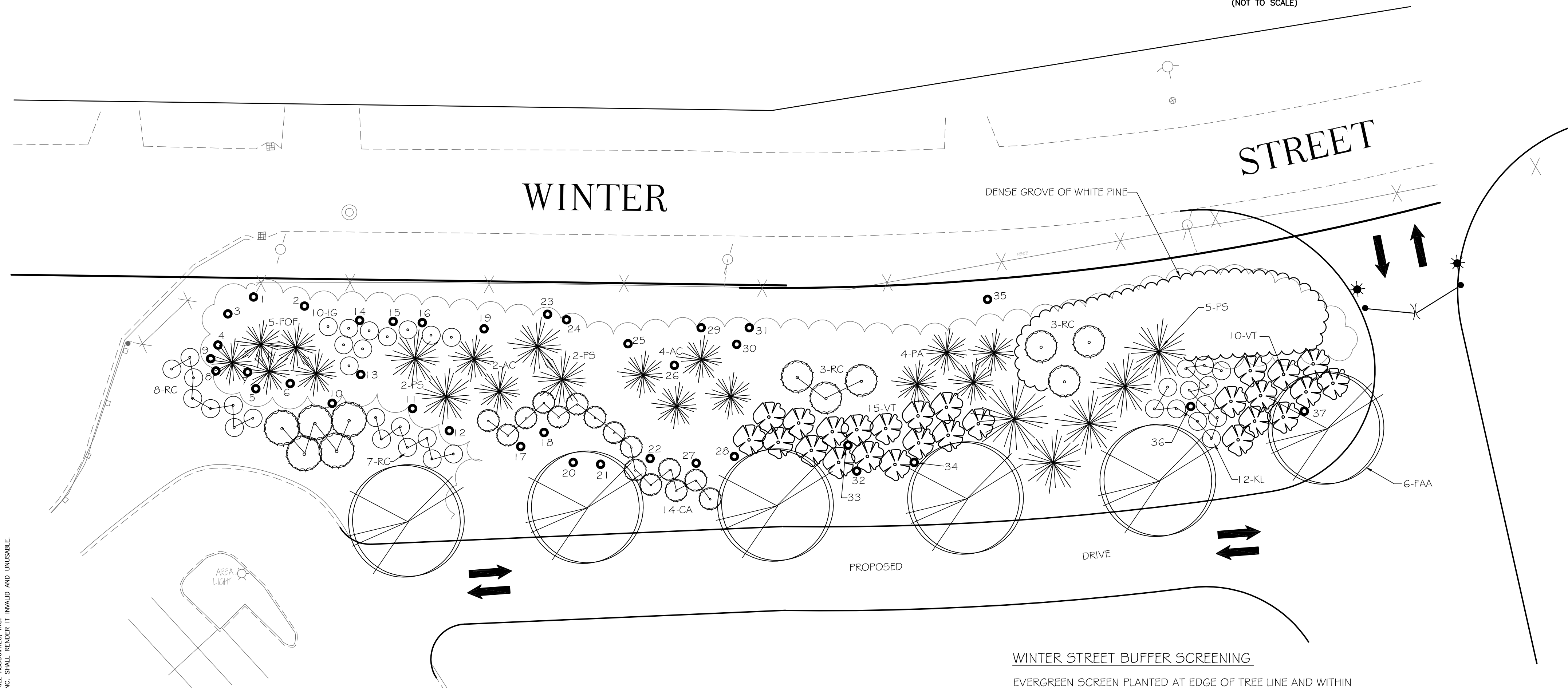
TYPICAL TREE PLANTING – EVERGREEN
(NOT TO SCALE)



SHRUB PLANTING DETAIL
(NOT TO SCALE)



DECIDUOUS TREE PLANTING DETAIL
(NOT TO SCALE)



EXISTING TREES TO REMAIN WITHIN WINTER STREET BUFFER					
1	30" BLACK CHERRY	16	12" NORWAY MAPLE	31	8" WHITE PINE
2	8" NORWAY MAPLE	17	18" WHITE PINE	32	12" NORWAY MAPLE
3	7" NORWAY MAPLE	18	14" WHITE PINE	33	10" NORWAY MAPLE
4	4'1/0" TWIN NORWAY MAPLE	19	8" NORWAY MAPLE	34	10" NORWAY MAPLE
5	20" RED MAPLE	20	12" SCARLETT OAK	35	16" RED OAK
6	10'20" TWIN RED OAK	21	14" SCARLETT OAK	36	20" RED OAK
7	10" BLACK CHERRY	22	4" BLACK CHERRY	37	30" WHITE PINE
8	6" NORWAY MAPLE	23	22" NORWAY MAPLE		
9	10" RED MAPLE	24	14" WHITE PINE		
10	30" WHITE PINE	25	4" NORWAY MAPLE		
11	12" WHITE PINE	26	14" RED MAPLE		
12	6" WHITE PINE	27	16" TWIN BLACK CHERRY		
13	8" BLACK CHERRY	28	12" TWIN BLACK CHERRY		
14	8" BLACK CHERRY	29	12" RED MAPLE		
15	8" NORWAY MAPLE	30	8'1/2" TWIN RED OAK		

NOTE:
EXISTING TREES FIELD LOCATED BY THE LANDSCAPE ARCHITECT IN APRIL 2006.

PLAN - BUFFER PLANTINGS

SCALE: 1"=20'



WINTER STREET BUFFER SCREENING

EVERGREEN SCREEN PLANTED AT EDGE OF TREE LINE AND WITHIN EXISTING TREES TO REMAIN, SPECIMENS TO BE 7'-8' HIGH SPACED 12'-15' ON CENTER IN STAGGERED ROWS. ROWS TO OVERLAP (TYPICAL)

- WHITE PINE
- COLORADO SPRUCE
- NORWAY SPRUCE
- BALSAM FIR
- AMERICAN HOLLY

OF TREES REQUIRED - 22

OF TREES FURNISHED - 31

#EXISTING UPPER STORY TREES 6" CAL. DBH OR LARGER TO REMAIN WITHIN BUFFER AREA: 50

GENERAL PLANTING NOTES

1. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN OR THE PLANT MATERIAL WILL BE UNACCEPTABLE. ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY, SIZE AND BE CERTIFIED DISEASE AND INSECT FREE. THE OWNER AND/OR THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO APPROVE ALL PLANT MATERIAL ON SITE PRIOR TO INSTALLATION.
2. ALL PLANT MATERIAL SHALL BE PROPERLY GUYED, STAKED, WRAPPED AND PLANTED IN CONFORMANCE WITH THE TYPICAL PLANTING DETAILS. GUY WIRES SHALL BE ATTACHED TO THE TREE AT A HEIGHT OF TWO-THIRDS THE HEIGHT OF THE TREE AND SHOULD BE LOCATED AT POINTS SO AS NOT TO SPLIT THE TRUNKS OF MULTI-STEMMED TREES. PROVIDE THREE STAKES PER TREE UNLESS NOTED OTHERWISE. INSTALL ALL PLANT MATERIAL ON UNDISTURBED GRADE. PROVIDE BURLAP WRAPPING WITH A 50% OVERLAP. CUT AND REMOVE BURLAP FROM TOP ONE-THIRD OF THE ROOT BALL.
3. PROVIDE PLANTING PITS AS INDICATED ON PLANTING DETAILS. BACKFILL PLANTING PITS WITH ONE PART EACH OF TOPSOIL, PEAT MOSS AND PARENT MATERIAL. IF WET SOIL CONDITIONS EXIST THEN PLANTING PITS SHALL BE EXCAVATED AN ADDITIONAL 12" AND FILLED WITH SAND.
4. NEWLY INSTALLED PLANT MATERIAL SHALL BE WATERED AT THE TIME OF INSTALLATION AND SHALL BE SUBSEQUENTLY FLOODED TWICE WITHIN TWENTY-FOUR (24) HOURS OF PLANTING. REGULAR WATERING SHALL BE PROVIDED TO ENSURE THE ESTABLISHMENT, GROWTH AND SURVIVAL OF ALL PLANTS.
5. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE. ANY PLANT MATERIAL THAT DIES WITHIN THAT TIME PERIOD SHALL BE REMOVED, INCLUDING THE STUMP, AND REPLACED WITH MATERIAL OF SIMILAR SIZE AND SPECIES AT THE EXPENSE OF THE DEVELOPER. THE REPLACED PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER THE REPLACEMENT DATE.
6. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A MINIMUM 6" LAYER OF TOPSOIL IN ALL LAWN AREAS AND A MINIMUM OF 12" OF TOPSOIL IN ALL PLANTING AREAS. A FULL SOIL ANALYSIS SHALL BE CONDUCTED AFTER CONSTRUCTION AND PRIOR TO PLANTING TO DETERMINE THE EXTENT OF SOIL AMENDMENT REQUIRED.
7. ALL DISTURBED LAWN AREAS SHALL BE STABILIZED WITH EITHER SOD OR SEED AS INDICATED ON THE LANDSCAPE PLANS. SEED SHALL CONSIST OF THE MIXTURE LISTED IN THE GENERAL SEEDING NOTES. ALL DISTURBED LAWN AREAS SHALL BE TOP SOILED, LIMED, FERTILIZED AND FINE GRADED PRIOR TO LAWN INSTALLATION.
8. ALL PLANTING BEDS SHALL RECEIVE 3" OF SHREDDED PINE, CEDAR OR HEMLOCK BARK.
9. ALL SHRUB MASSES SHALL BE PLANTED IN CONTINUOUS MULCHED BEDS.

GENERAL SEEDING NOTES

1. PERMANENT SEEDING SHALL CONSIST OF THE FOLLOWING MIXTURE OR APPROVED EQUAL— OPTIMUM SEEDING DATES ARE BETWEEN APRIL 1, AND MAY 31 AND AUGUST 16 AND OCTOBER 15.
SUMMER STRESS MIXTURE (LOFTS SEED INC)
90% REBEL II OR TRIBUTE TALL FESCUE
10% NASSAU OR BARON KENTUCKY BLUEGRASS
SEEDING RATE: 5# PER 1,000 SQ. FT. OR 200# PER ACRE
2. PERMANENT SEEDING TO BE APPLIED BY RAKING OR DRILLING INTO THE SOILS AT A RATE OF 200# PER ACRE. SLOPED AREAS TO BE COVERED WITH MULCH AS INDICATED IN NOTE 4.
3. FERTILIZER FOR THE ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER SHALL BE 10–20–20 APPLIED AT A RATE OF 14# PER 1,000 SQ. FT. OR AS DETERMINED BY SOIL TESTS. LIMESTONE FOR TEMPORARY SEEDING SHALL BE APPLIED AT A RATE OF 90# PER 1,000 SQ. FT. AS DETERMINED BY SOIL TESTS. LIMESTONE FOR PERMANENT SEEDING SHALL BE APPLIED AT A RATE OF 135# PER 1,000 SQ. FT. AS DETERMINED BY SOIL TESTS.
4. MULCH TO CONSIST OF SMALL GRAIN STRAW OR SALT HAY ANCHORED WITH A WOOD AND FIBER MULCH BINDER OR AN APPROVED EQUAL. MULCH WILL BE SPREAD AT RATES OF 90 TO 115 LBS. PER 1,000 SQ. FT. AND ANCHORED WITH A MULCH ANCHORING TOOL OR LIQUID MULCH BINDER AND SHALL BE PROVIDED ON ALL SEEDINGS. HYDROMULCH SHALL ONLY BE USED DURING OPTIMUM GROWING SEASONS.
5. ALL GRASS AREAS AND SHRUB BEDS IN THE PARKING LOT AND AROUND THE PERIMETER OF THE SITE, SHALL HAVE AN AUTOMATIC IRRIGATION SYSTEM.
6. THE CONTRACTOR SHALL SUBMIT AN IRRIGATION PLAN TO THE LANDSCAPE ARCHITECT FOR APPROVAL.

NEW ENGLAND EROSION CONTROL/RESTORATION MIX

SPECIES FOR DETENTION BASINS AND MOIST SITES

TIOGA DEERTONGUE (PANICUM CLANDESTINUM), ALSIKE CLOVER (TRIFOLIUM HYBRIDUM), ROUGH BLUEGRASS (POA TRIVIALIS), MEADOW FESCUE (FESTUCA PRATENSIS), RED TOP (AGROSTIS GIGANTEA), CREEPING BENTGRASS (AGROSTIS STOLONIFERA), SWITCHGRASS (PANICUM VIRGATUM), MEADOW FOXTAIL (ALOPECURUS PRATENSIS), EASTERN GAMA-GRASS (TRIPSACUM DACTYLOIDES), FOX SEDGE (CAREX VULPINOIDEA), VIRGINIA WILD-RYE (ELYMUS VIRGINICUS), PLAINS COREOPSIS (COREOPSIS TINCTORIA), GRASS-LEAVED GOLDENROD (EUTHAMIA GRAMINIFOLIA), CANADA GOLDENROD (SOLIDAGO CANADENSIS), BLUE VERVAIN (VERBENA HASTATA), JOE-PYE WEED (EUPATORIADELPHUS MACULATUS), BONESET (EUPATORIUM PERFOLIATUM), AND FLAT-TOP ASTER (ASTER UMBELLATUS).

SPECIES FOR DRY SITES

MEADOW FESCUE (FESTUCA PRATENSIS), ANNUAL RYE-GRASS (LOLIUM TEMULENTUM), TIMOTHY (PHLEUM PRATENSE), WHITE CLOVER (TREFOLIUM REPENS), LITTLE BLUESTEM (ANDROPOGON SCOPARIUS), RED TOP (AGROSTIS GIGANTEA), AND SIDE-OATS GRAMMA-GRASS (BOUILLIOUA CUTIPENDULA).

NOTE:

IN FRONT BUFFER AREA, REMOVE ALL EXISTING SCRUB SHRUB, DEAD TREES, AND SMALL TREES NOT MARKED TO REMAIN PRIOR TO INSTALLATION OF PROPOSED BUFFER PLANTINGS. ANY SIGNIFICANT DEPRESSIONS/HOLES TO BE GRADED OUT.

REVISIONS

1	6/20/06	COMPREHEND P.B. REVIEW COMMENTS

DRAWN BY: JR

DESIGNED BY: E.A.F.

CHECKED BY: E.A.F.

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SITE PLAN
— 85 WINTER STREET —
ASSESSORS MAP 60, LOT 152
HANOVER, MASSACHUSETTS

APPLICANT
CRITECH, INC.
85 WINTER STREET
HANOVER, MA 02339

APRIL 4, 2006

SCALE: AS NOTED

JOB NO. 05–183

LATEST REVISION:
JULY 27, 2006

LANDSCAPING DETAILS